From: Velez-Rosa, Emlyn

Sent: Tuesday, June 24, 2014 4:17 PM

To: Rahel Gebrekidan

Subject: RE: Temple Main RACT

I'm still working on that.

Do you have any more specifics on the kind of boiler this unit is? The ACT I sent you has some useful information on emission rates for various ICI boilers, but these are specific to control technologies, fuel, and type of boiler.

Thanks,

Emlyn Vélez Rosa, EIT
Environmental Engineer
Office of Air Program Planning
US Environmental Protection Agency, Region III
1650 Arch Street (3AP30)
Philadelphia, PA 19103
T. 215.814.2038

From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Tuesday, June 24, 2014 11:48 AM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT

Hi, Emlyn,

Not yet, I am waiting Temple's response on that. Did you get any info about the FGR control efficiency?

Rahel

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Tuesday, June 24, 2014 11:15 AM

To: Rahel Gebrekidan

Subject: RE: Temple Main RACT

Hi, Rahel:

Have you been able to reach Temple-Health to figure out the max and min values for the "proposed" #6 oil emission factor?

Emlyn Vélez Rosa, EIT Environmental Engineer Office of Air Program Planning US Environmental Protection Agency, Region III 1650 Arch Street (3AP30) Philadelphia, PA 19103 From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Monday, June 16, 2014 1:27 PM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT

Emlyn,

Please see the attached spreadsheet, I will call you and want to discus this with you.

Rahel

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Thursday, June 12, 2014 10:07 AM

To: Rahel Gebrekidan Cc: Edward Wiener

Subject: RE: Temple Main RACT

Hi, Rahel:

Please find attached my revisions to Temple Main's RACT Memo. If you have any questions, feel free to contact me.

Emlyn Vélez Rosa, EIT
Environmental Engineer
Office of Air Program Planning
US Environmental Protection Agency, Region III
1650 Arch Street (3AP30)
Philadelphia, PA 19103
T. 215.814.2038

From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Wednesday, June 11, 2014 10:30 AM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT

Emlyn,

Did you get a chance to review Temple Main? I sent the attached draft on 6/5.

Thank you

Rahel

From: Rahel Gebrekidan

Sent: Thursday, June 05, 2014 3:44 PM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT Hi Emlyn,

Attached is the revised draft for Temple Main for your review and comment. I will send you Temple Health tomorrow.

Sincerely

Rahel

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Friday, May 30, 2014 2:14 PM

To: Rahel Gebrekidan

Subject: RE: Temple Main RACT

Hi, Rahel:

See my comments attached.

Emlyn Vélez Rosa, EIT Environmental Engineer Office of Air Program Planning US Environmental Protection Agency, Region III 1650 Arch Street (3AP30) Philadelphia, PA 19103 T. 215.814.2038

From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Thursday, May 29, 2014 9:26 AM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT

Emlyn,

Attached please find the revised memo for Temple for you review and comment. The emission limit for the generators came from a case by case RACT not from MACT.

Rahel

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Wednesday, May 28, 2014 4:05 PM

To: Rahel Gebrekidan

Subject: RE: Temple Main RACT

Rahel:

Please find attached my comments.

Emlyn Vélez Rosa, EIT Environmental Engineer Office of Air Program Planning US Environmental Protection Agency, Region III 1650 Arch Street (3AP30) Philadelphia, PA 19103 T. 215.814.2038

From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Wednesday, May 28, 2014 2:23 PM

To: Velez-Rosa, Emlyn

Subject: RE: Temple Main RACT

Hi Emlyn,

Attached please find the revised draft for Temple Main. Temple has removed the Central Steam boiler included in the fist draft, so I have removed it from the draft. I am still working on the Temple Health.

Sincerely

Rahel Gebrekidan
Environmental Engineer
Air Management Service
Phone 215-685-9429
Fax 215-685-7593
E-Mail Rahel.gebrekidan@phila.gov

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Monday, May 19, 2014 8:43 AM

To: Rahel Gebrekidan Cc: Edward Wiener Subject: RE: RACT

Hi, Rahel:

For the Temple Main Campus, I thought you were providing a new memo, based on the fact that a full analysis needs to be provided since AMS cannot rely on any previous determination as it was not SIP-approved. For this reason, I had not submitted my comments. I have attached my comments.

I intended to discuss on one of our conference meetings the Temple Health Sciences RACT memo. For

some reason, this got out of last agenda. My apologies! I am attaching my comments, but I recommend

we further discuss this memo in our next meeting. Calculations of emissions and costs were not

provided with the memo. I also have some questions on the pre- and post-change emissions

comparison and other details. I also think we should discuss what should the baseline emissions be for

the RACT re-evaluation of boilers #1-3.

Thanks,
Emlyn Vélez Rosa, EIT
Environmental Engineer
Office of Air Program Planning
US Environmental Protection Agency, Region III
1650 Arch Street (3AP30)
Philadelphia, PA 19103
T. 215.814.2038

From: Rahel Gebrekidan [mailto:Rahel.Gebrekidan@phila.gov]

Sent: Thursday, May 15, 2014 3:31 PM

To: Velez-Rosa, Emlyn Subject: RE: RACT

Emlyn,

Did you get a chance to review the two Temple RACT analysis, (Temple Main, and Temple Health?

Rahel

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Tuesday, May 13, 2014 4:29 PM

To: Edward Wiener

Cc: Kassahun Sellassie; Biji Pandisseril; Rahel Gebrekidan; Noelle

Helmstetter; Henry Kim; Ramesh

Mahadevan; JiaZheng Li; Fernandez, Cristina; Mastro, Donna

Subject: RE: RACT Deadline/Meeting-- Proposed Face-to-Face Meetings

Hi, Ed:

Thanks! That still works. I've sent you 2 meeting invites.

Emlyn Vélez Rosa, EIT Environmental Engineer Office of Air Program Planning US Environmental Protection Agency, Region III 1650 Arch Street (3AP30) Philadelphia, PA 19103 T. 215.814.2038

From: Edward Wiener [mailto:Edward.Wiener@phila.gov]

Sent: Tuesday, May 13, 2014 8:55 AM

To: Velez-Rosa, Emlyn

Cc: kassahun.sellassie@phila.gov; Biji Pandisseril; Rahel Gebrekidan;

Noelle Helmstetter; Henry Kim;

Ramesh Mahadevan; jiazheng.li@phila.gov; Fernandez, Cristina; Mastro,

Donna

Subject: RE: RACT Deadline/Meeeting-- Proposed Face-to-Face Meetings

Emlyn,

Let's go with 5/21 and 6/4. The 5/21 meeting will be in the large 1st floor conference room instead of the one on our floor.

Edward Wiener Air Management Services 321 University Avenue Philadelphia, PA 19104

Phone: (215) 685-9426 Fax: (215) 685-7593

From: Velez-Rosa, Emlyn [Velez-Rosa.Emlyn@epa.gov]

Sent: Friday, May 09, 2014 10:05 AM

To: Edward Wiener

Cc: Kassahun Sellassie; Biji Pandisseril; Rahel Gebrekidan; Noelle

Helmstetter; Henry Kim; Ramesh

Mahadevan; JiaZheng Li; Fernandez, Cristina; Mastro, Donna

Subject: RE: RACT Deadline/Meeeting-- Proposed Face-to-Face Meetings

Good morning, AMS:

I would like to set up 2 in-person meetings to discuss any RACT issues. I'm proposing to have one meeting on the week of 5/19 and another one on the week of 6/2. Would it

be OK for the meetings to

take place in AMS offices? Please, see the proposed dates and confirm your availability.

Proposed Dates for Meeting #1:

5/20 (Tue) 9-11

5/21 (Wed) 9-11

5/22 (Thu) 9-11

Proposed Dates for Meeting #2:

6/2 (Mon) 9-11am;

6/3 (Tue) 10am-12pm

6/4 (Wed) 9-11am

T. 215.814.2038

Thanks,

Emlyn Vélez Rosa, EIT Environmental Engineer Office of Air Program Planning US Environmental Protection Agency, Region III 1650 Arch Street (3AP30) Philadelphia, PA 19103

From: Edward Wiener [mailto:Edward.Wiener@phila.gov]

Sent: Thursday, May 08, 2014 4:13 PM

To: Velez-Rosa, Emlyn

Cc: kassahun.sellassie@phila.gov; Biji Pandisseril; Rahel Gebrekidan; Noelle Helmstetter; Henry Kim; Ramesh Mahadevan; jiazheng.li@phila.gov

Subject: RACT Deadline/Meeeting

Emlyn,

Tom Huynh accepted the morning of June 9 as a new deadline to finish up the memos. He wants us to schedule a face-to-face meeting the week before to iron out any issues that remain at that time. Please propose some dates and times during the week of June 2 that are OK with EPA.

On the phone we talked about a face-to-face meeting the week of May 19, which is OK with me if the group thinks that would be helpful. We can talk about it during our next call.

Edward Wiener Air Management Services 321 University Avenue Philadelphia, PA 19104

Phone: (215) 685-9426 Fax: (215) 685-7593